

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	851	mori-mitsuyoshi.in. or yamaguchi-takumi.in. or yoshida-shinji.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/19 08:10
S2	115	mori-mitsuyoshi.in. or yamaguchi-takumi.in. or yoshida-shinji.in.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 08:29
S3	796	438/57.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 08:31
S4	288	438/60.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 10:19
S5	252	438/59.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 08:30
S6	460	438/73.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 08:30
S7	239	438/75.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 08:30
S8	46	438/76.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 08:30
S9	173	438/144.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 08:31
S10	57	438/145.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 08:31
S11	60	438/146.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 08:31
S12	1142908	(imag\$3 adj2 device) or ((cmos or pixel) with sensor) or aps	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/19 08:33

## EAST Search History

S13	54673	(trench or opening or groove) with isolation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/19 11:13
S14	1880	S3 or S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/19 08:35
S15	156	S12 S13 S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/19 08:35
S16	253	S4 not (438/57.ccls.)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 10:47
S17	363	S6 not (438/57.ccls. or 438/60.ccls.)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 11:02
S18	109	S7 not (438/57.ccls. or 438/60.ccls. or 438/73.ccls.)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 11:11
S19	21	S8 not (438/57.ccls. or 438/60.ccls. or 438/73.ccls. or 438/75.ccls.)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 11:11
S20	5443440	(trench or opening or groove)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/19 11:13
S21	11061	S20 with (oxidiz\$4 or oxide) with (spacer or sidewall)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/19 12:28

## EAST Search History

S22	204	S21 S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/19 11:14
S23	1114	S21 same (device with isolation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/19 12:28
S24	337	S21 same (device adj isolation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/19 12:29
S25	328	S24 not S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/09/19 13:21
S26	2092	438/424.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 13:21
S27	305	438/425.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 13:23
S28	246	438/426.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 14:20
S29	278	438/433.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 13:22
S30	57	438/434.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 13:22
S31	166	438/426.ccls. (not 438/425.ccls.)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 14:37
S32	262	438/433.ccls. (not 438/425.ccls. or 438/426.ccls.)	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 14:45

## EAST Search History

S33	4	"20030127667"   "20010009809"   "20030160295"	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 14:46
S34	2	"20050263804"	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 14:54
S35	3	("6661045"   "6744084"   "7122840").PN. OR ("7187023").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 14:56
S36	6	("4722910"   "5859450"   "6462365").PN. OR ("6849886").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 15:42
S37	487	257/290.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 15:54
S38	91	257/290.ccls. trench	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/19 15:56
S39	46	257/290.ccls. ((trench or sti or isolation) with (p adj type))	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/20 08:47
S40	438	438/291.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/20 08:47
S41	54	438/292.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/20 08:47
S42	488	257/290.ccls.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/20 08:47
S43	978	S40 or S41 or S42	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/20 08:47
S44	9278	channel adj stop\$3	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/20 09:01
S45	89	S43 S44	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/20 08:48
S46	185	(channel adj stop\$3) with (trench and (sidewall or spacer))	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/20 09:05
S49	1	"20020179997"	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/20 09:05

## EAST Search History

S50	1	"6096612".pn.	US-PGPUB; USPAT; USOCR	AND	ON	2007/09/20 09:23
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